

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100223\
 Data File : PD078523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 14:12
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2023
 Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 14:27:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.758	123.2E6	90633633	48.509	57.304
28)	SA Decachlor...	9.080	7.895	145.1E6	82532675	47.634	47.827
Target Compounds							
2)	A alpha-BHC	3.997	3.259	204.2E6	133.0E6	49.628	57.480
3)	MA gamma-BHC...	4.330	3.589	193.5E6	125.9E6	48.923	56.324
4)	MA Heptachlor	4.921	3.927	190.2E6	126.7E6	48.533	56.347
5)	MB Aldrin	5.264	4.207	189.1E6	129.2E6	47.023	56.737
6)	B beta-BHC	4.528	3.886	74316205	50220558	46.051	56.347
7)	B delta-BHC	4.777	4.116	182.4E6	127.6E6	49.482	58.872
8)	B Heptachlo...	5.691	4.709	163.0E6	113.4E6	45.595	55.915
9)	A Endosulfan I	6.078	5.079	146.7E6	106.7E6	44.615	56.957 #
10)	B gamma-Chl...	5.949	4.959	157.6E6	112.9E6	44.782	56.179 #
11)	B alpha-Chl...	6.027	5.023	158.2E6	113.3E6	44.452	56.219 #
12)	B 4,4'-DDE	6.201	5.210	147.6E6	108.7E6	45.838	59.559m#
13)	MA Dieldrin	6.354	5.342	154.9E6	115.2E6	43.541	56.425m#
14)	MA Endrin	6.585	5.619	127.2E6	99610382	41.947	54.993 #
15)	B Endosulfa...	6.805	5.914	131.1E6	94394477	42.301	55.168 #
16)	A 4,4'-DDD	6.719	5.767	111.7E6	83247616	43.581	59.573 #
17)	MA 4,4'-DDT	7.034	6.018	110.6E6	81627713	42.293	57.776 #
18)	B Endrin al...	6.936	6.093	95101137	69417676	40.019	51.427 #
19)	B Endosulfa...	7.170	6.316	118.6E6	87531036	41.788	54.665 #
20)	A Methoxychlor	7.510	6.591	62665893	42730235	40.514	55.190m#
21)	B Endrin ke...	7.657	6.823	133.5E6	97241110	41.069	51.430 #
22)	Mirex	8.131	7.003	98179666	73227231	40.822	47.821

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 Acq On : 02 Oct 2023 14:12
 Operator : AR\AJ
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Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

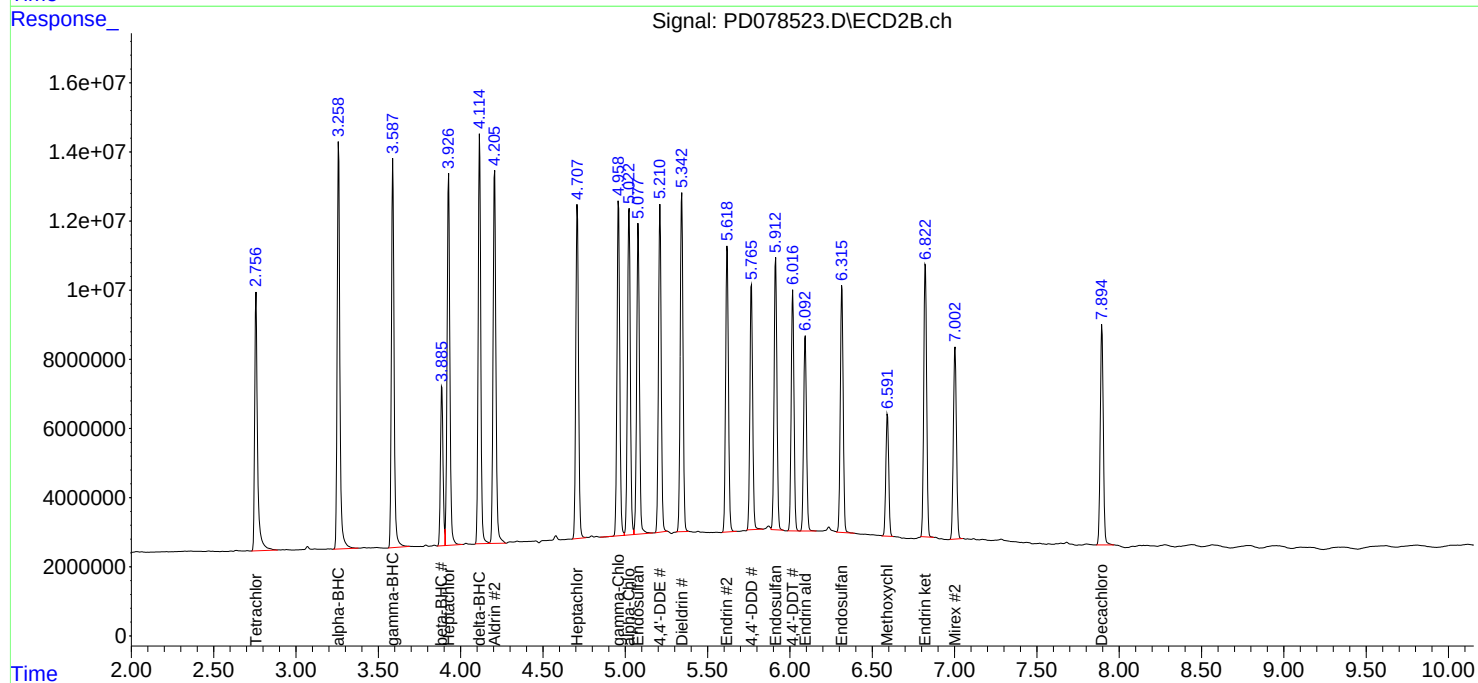
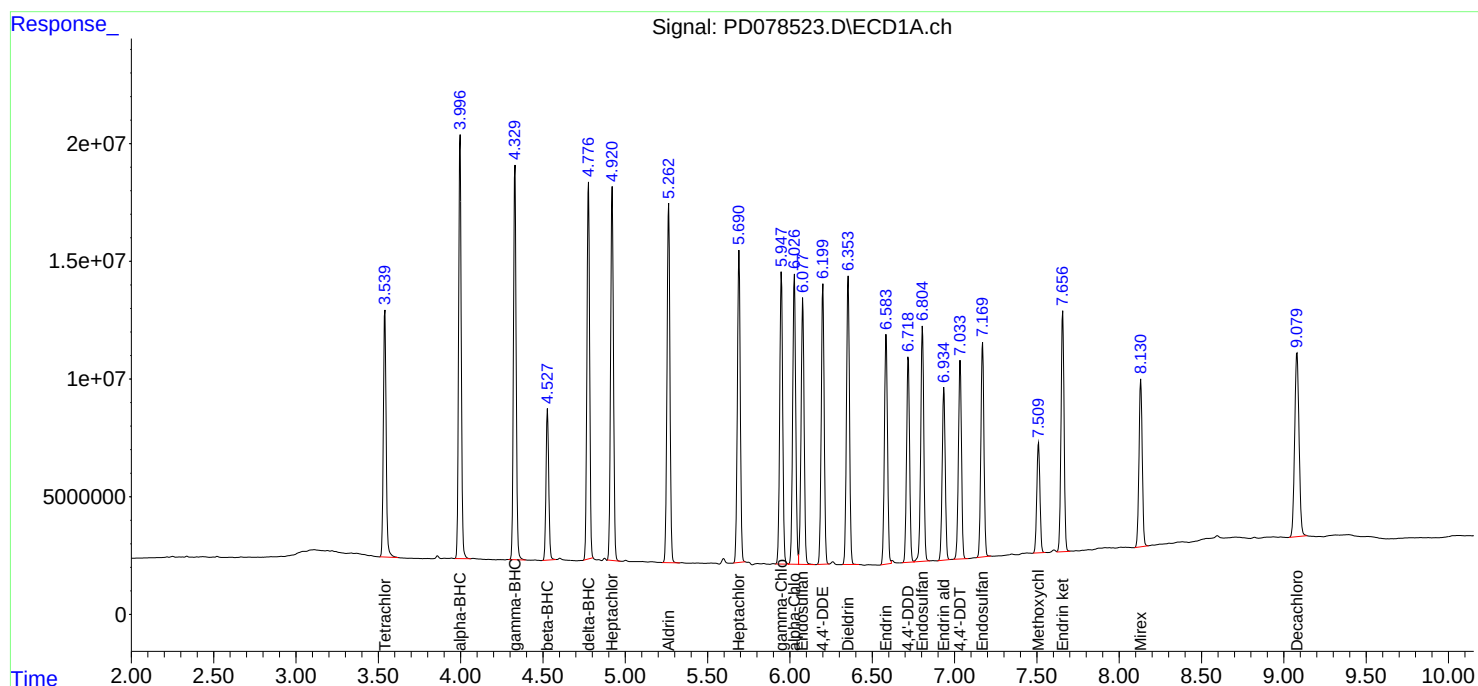
Manual Integrations

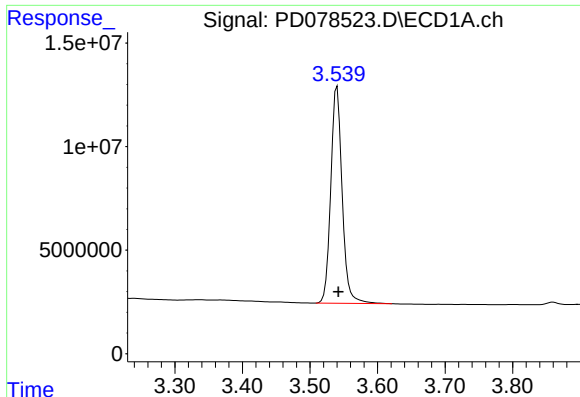
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 14:27:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





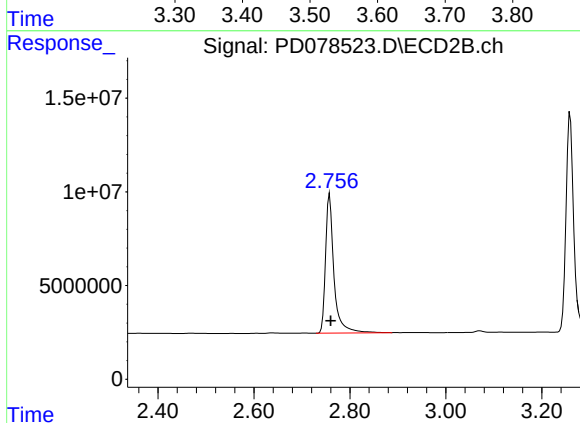
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 123165557
Conc: 48.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

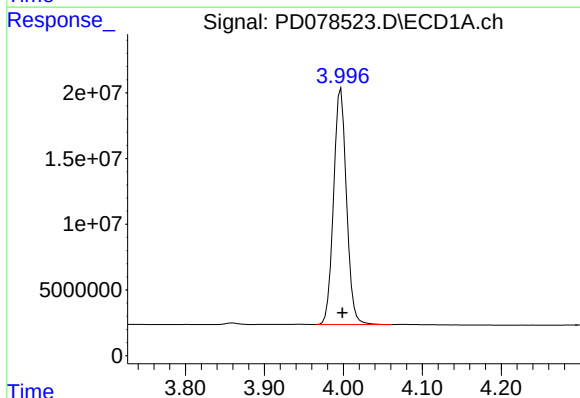
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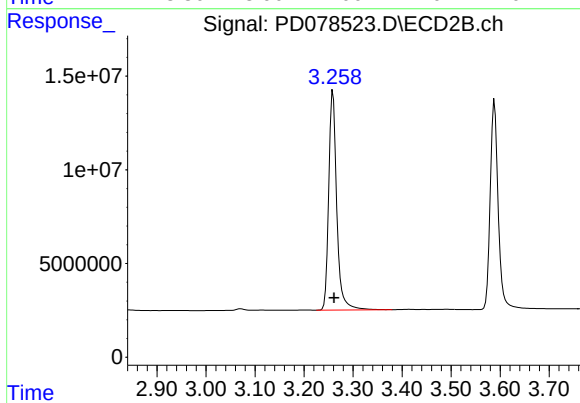
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 90633633
Conc: 57.30 ng/ml



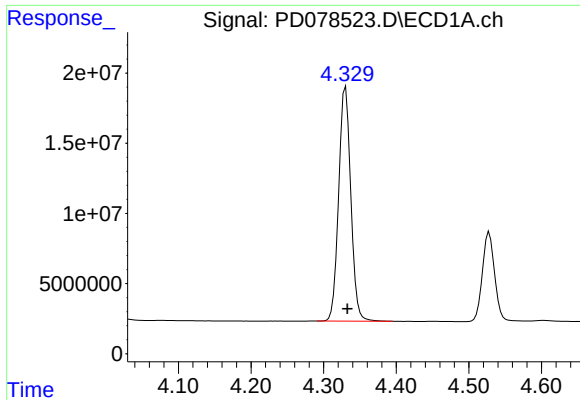
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 204175944
Conc: 49.63 ng/ml



#2 alpha-BHC

R.T.: 3.259 min
Delta R.T.: -0.003 min
Response: 132983680
Conc: 57.48 ng/ml



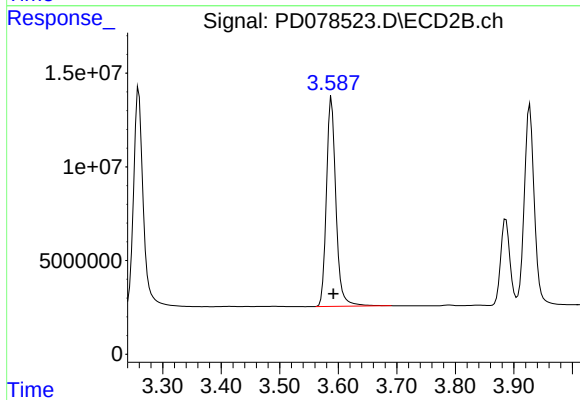
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 193538477
Conc: 48.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

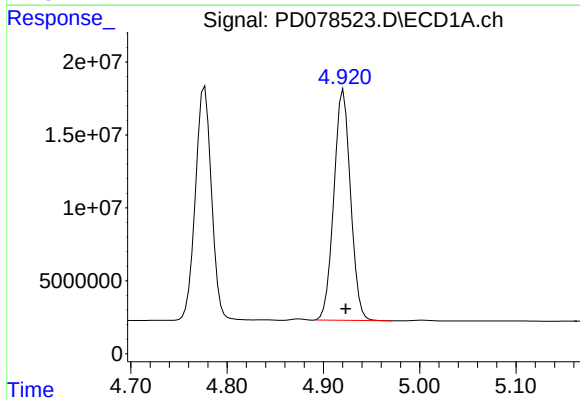
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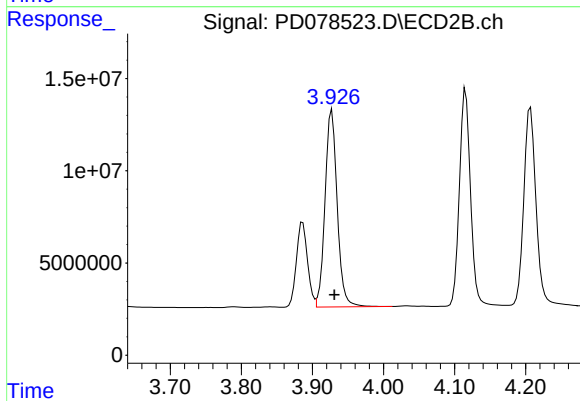
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: -0.003 min
Response: 125909065
Conc: 56.32 ng/ml



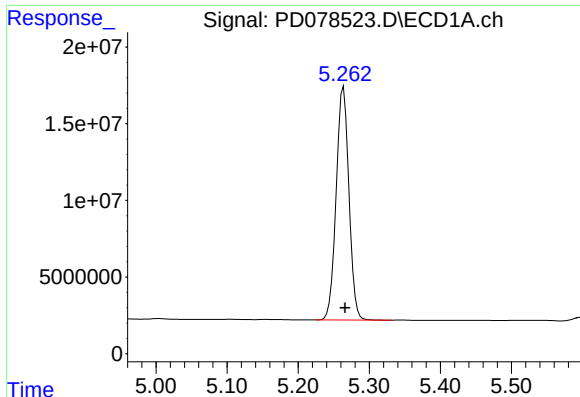
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 190151900
Conc: 48.53 ng/ml



#4 Heptachlor

R.T.: 3.927 min
Delta R.T.: -0.004 min
Response: 126747298
Conc: 56.35 ng/ml



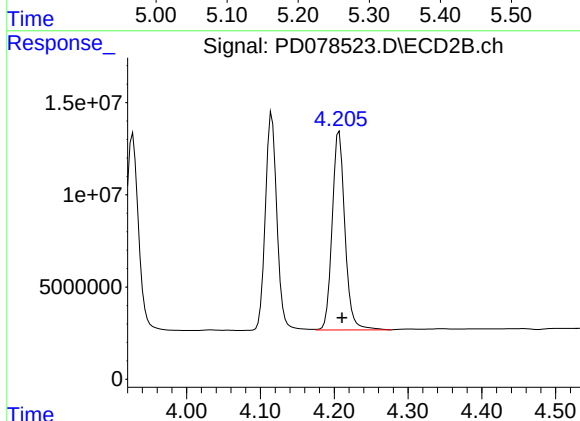
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 189119806
Conc: 47.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

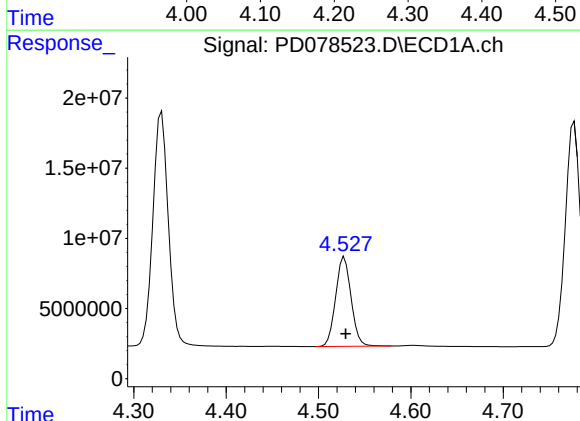
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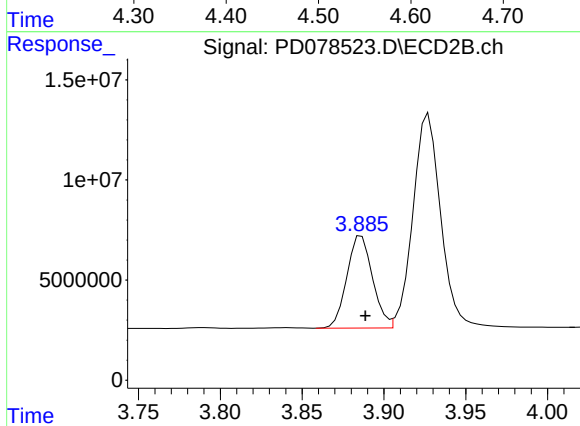
#5 Aldrin

R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 129248774
Conc: 56.74 ng/ml



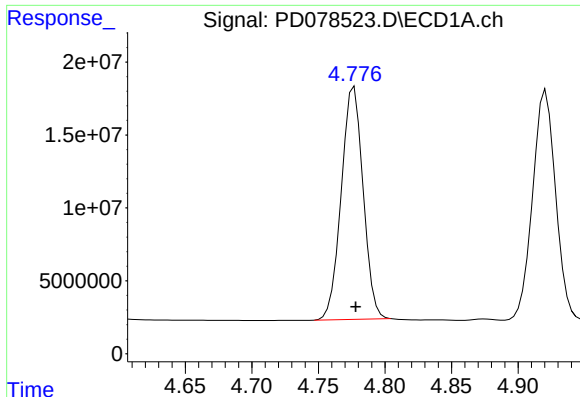
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 74316205
Conc: 46.05 ng/ml



#6 beta-BHC

R.T.: 3.886 min
Delta R.T.: -0.003 min
Response: 50220558
Conc: 56.35 ng/ml



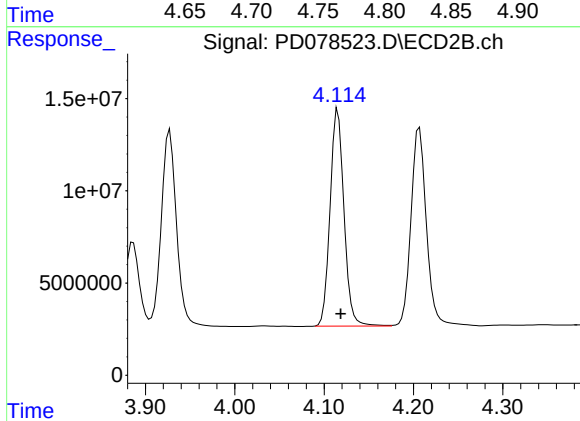
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 182411358
Conc: 49.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

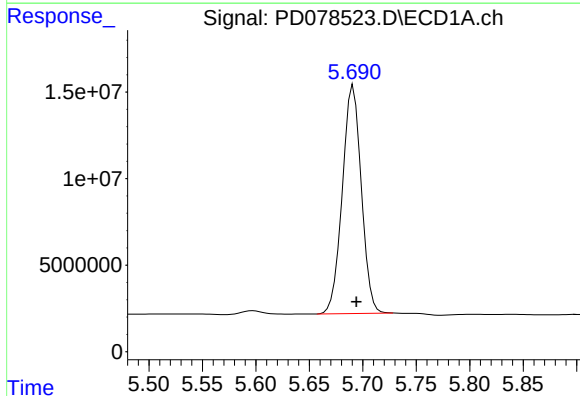
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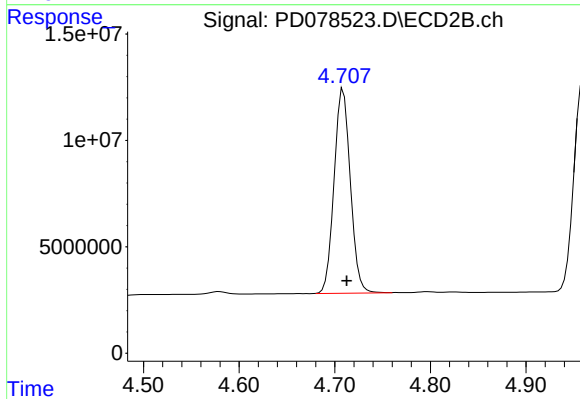
#7 delta-BHC

R.T.: 4.116 min
Delta R.T.: -0.003 min
Response: 127625928
Conc: 58.87 ng/ml



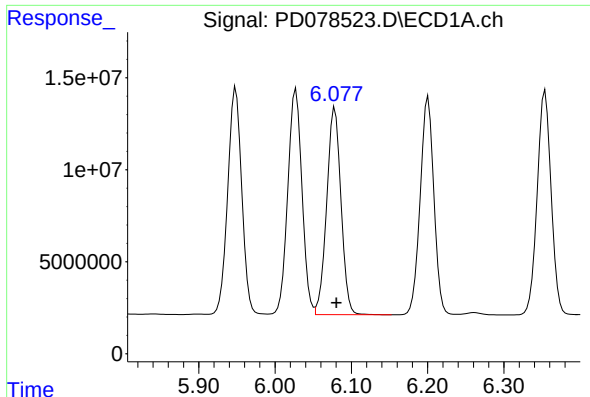
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 163028162
Conc: 45.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.709 min
Delta R.T.: -0.004 min
Response: 113408308
Conc: 55.92 ng/ml



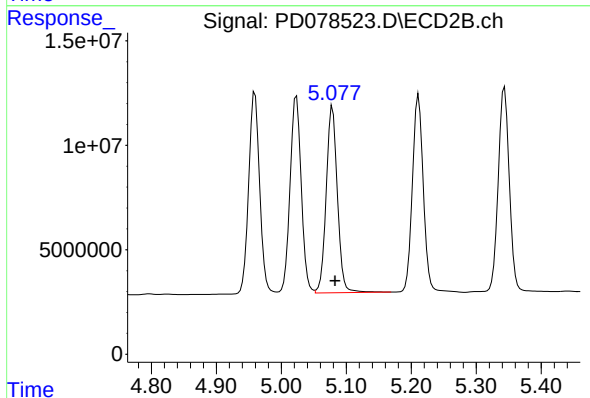
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 146740313
Conc: 44.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

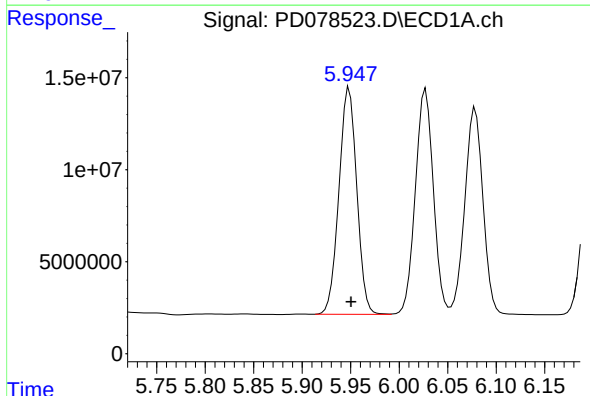
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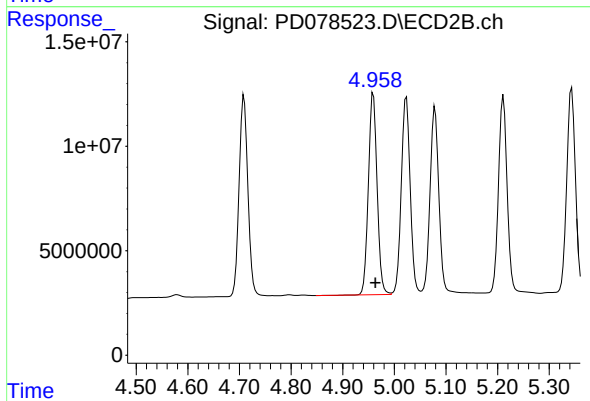
#9 Endosulfan I

R.T.: 5.079 min
Delta R.T.: -0.004 min
Response: 106688882
Conc: 56.96 ng/ml



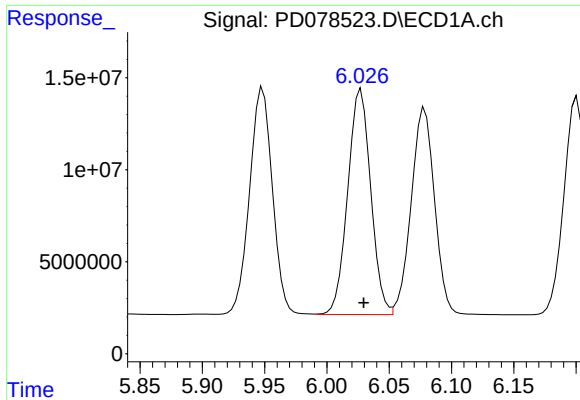
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 157646260
Conc: 44.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 112929408
Conc: 56.18 ng/ml



#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 158176761
Conc: 44.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

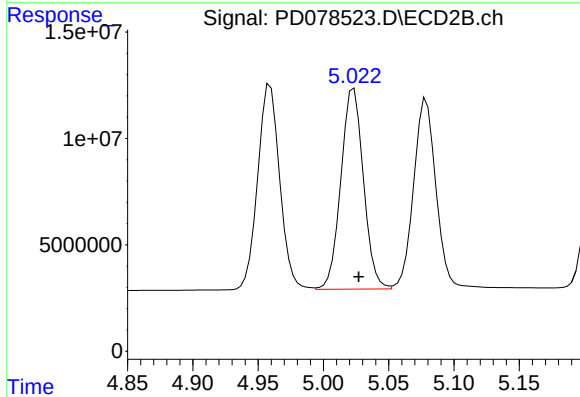
PSTDCCC050

Manual Integrations

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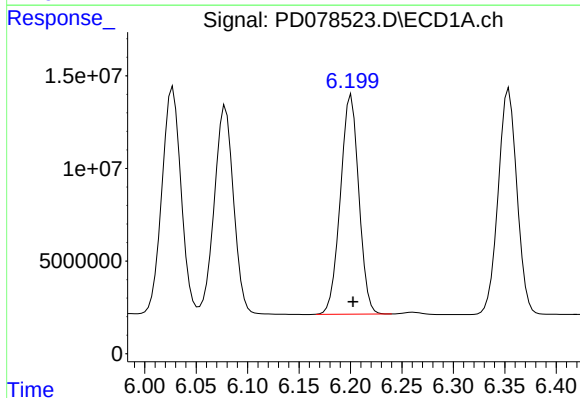
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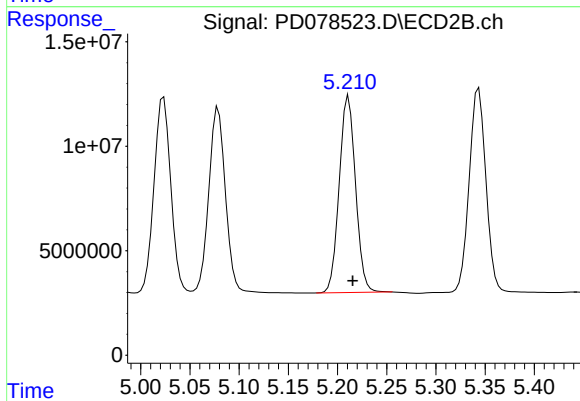
#11 alpha-Chlordane

R.T.: 5.023 min
Delta R.T.: -0.004 min
Response: 113265636
Conc: 56.22 ng/ml



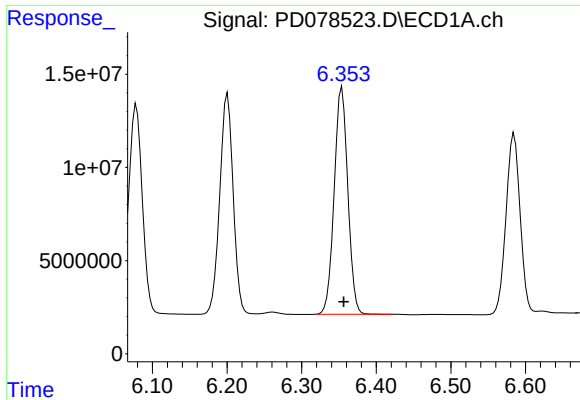
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 147581047
Conc: 45.84 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: -0.006 min
Response: 108712205
Conc: 59.56 ng/ml m



#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 154910709
Conc: 43.54 ng/ml

Instrument :

ECD_D

ClientSampleId :

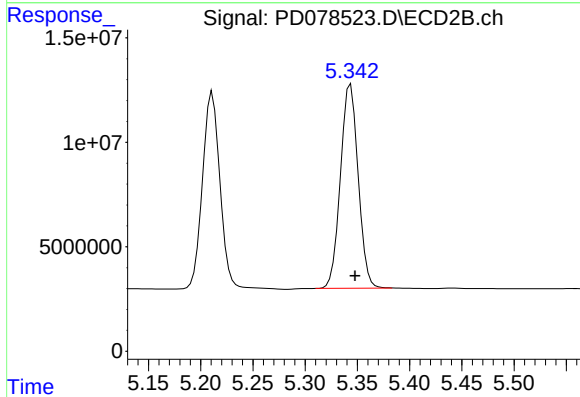
PSTDCCC050

Manual Integrations

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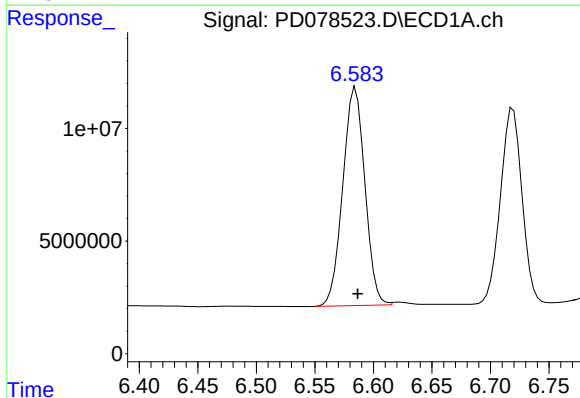
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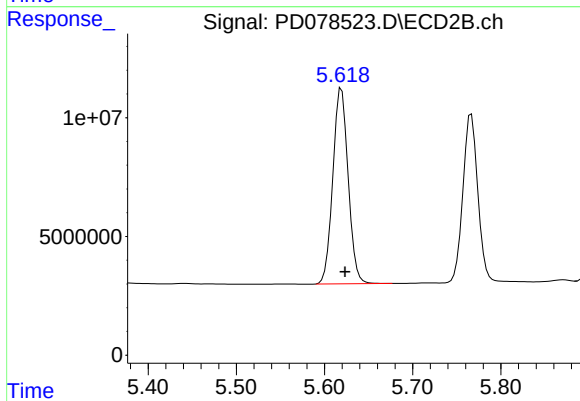
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 115209556
Conc: 56.43 ng/ml m



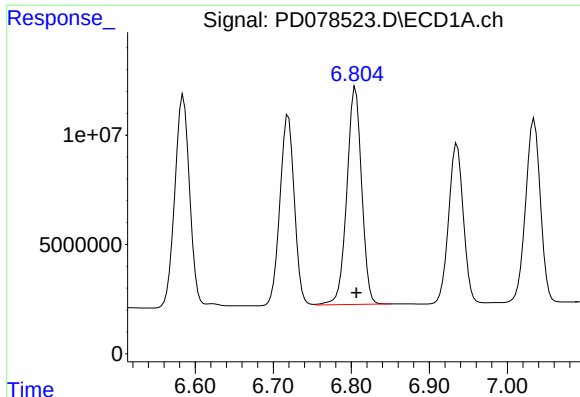
#14 Endrin

R.T.: 6.585 min
Delta R.T.: -0.002 min
Response: 127232439
Conc: 41.95 ng/ml



#14 Endrin

R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 99610382
Conc: 54.99 ng/ml



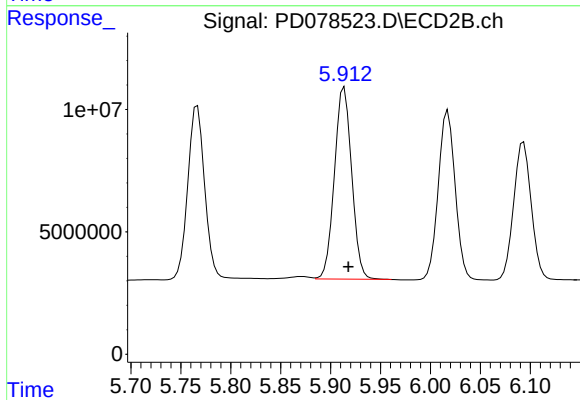
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: -0.001 min
Response: 131073333
Conc: 42.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

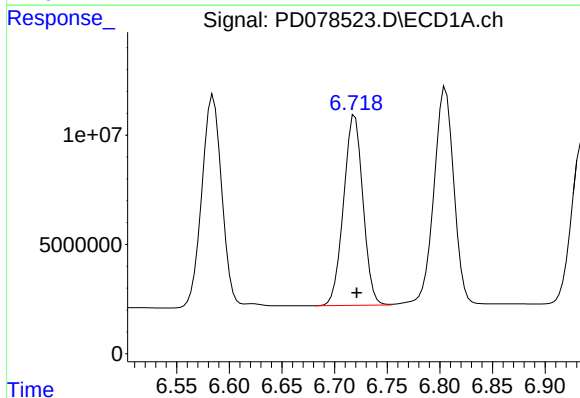
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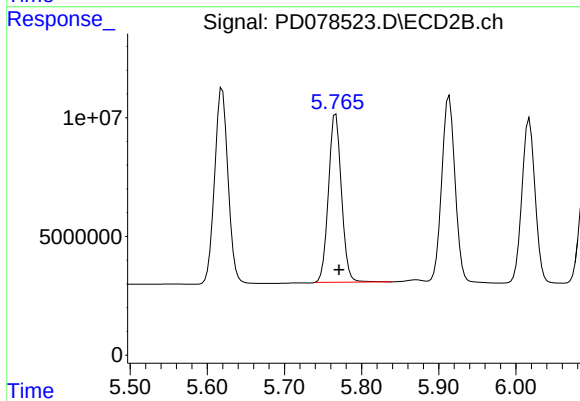
#15 Endosulfan II

R.T.: 5.914 min
Delta R.T.: -0.004 min
Response: 94394477
Conc: 55.17 ng/ml



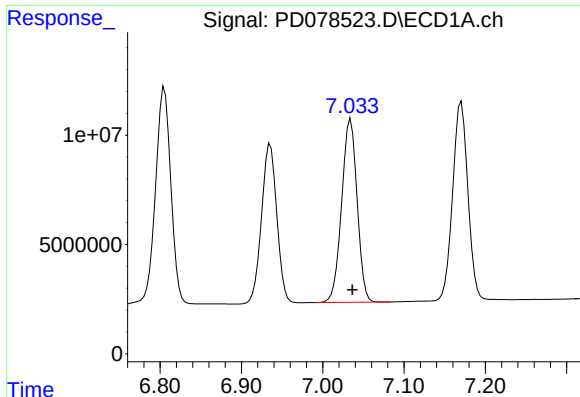
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: -0.002 min
Response: 111667945
Conc: 43.58 ng/ml



#16 4,4'-DDD

R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 83247616
Conc: 59.57 ng/ml



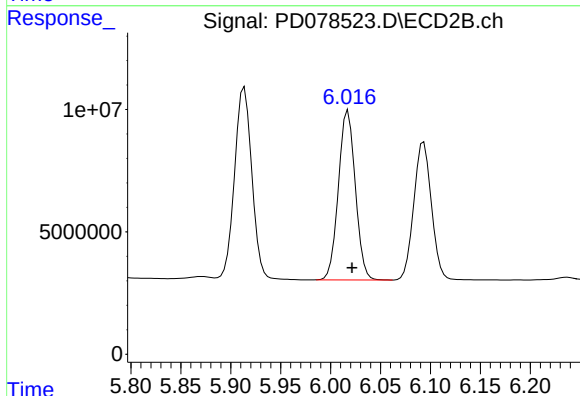
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: -0.002 min
Response: 110608350
Conc: 42.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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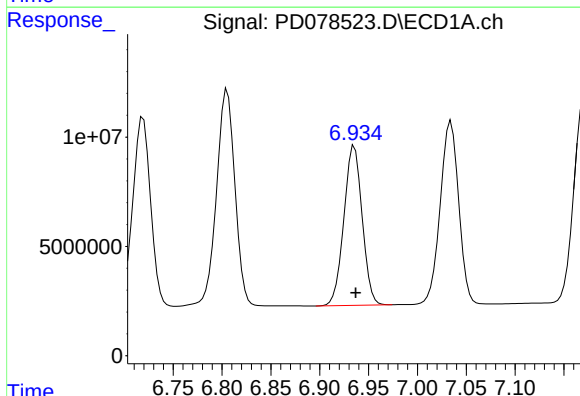
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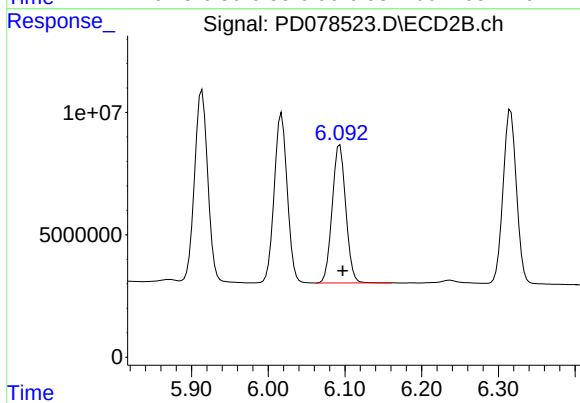
#17 4,4'-DDT

R.T.: 6.018 min
Delta R.T.: -0.004 min
Response: 81627713
Conc: 57.78 ng/ml



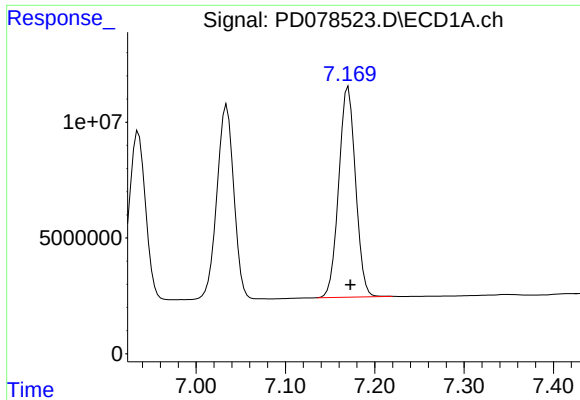
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.001 min
Response: 95101137
Conc: 40.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 69417676
Conc: 51.43 ng/ml



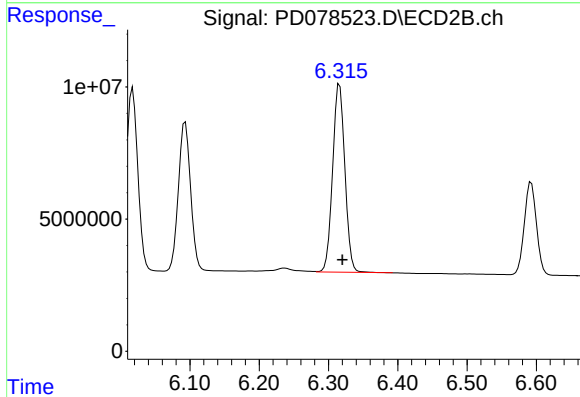
#19 Endosulfan Sulfate

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 118591103
Conc: 41.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

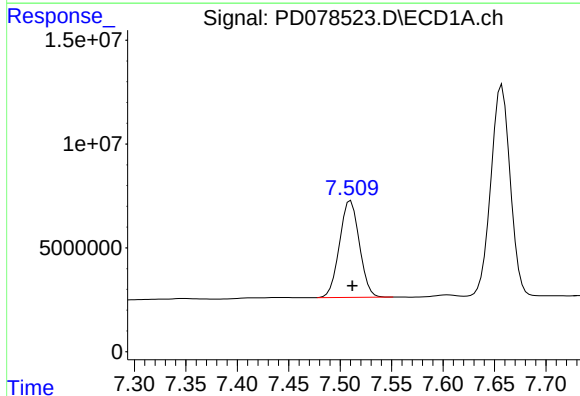
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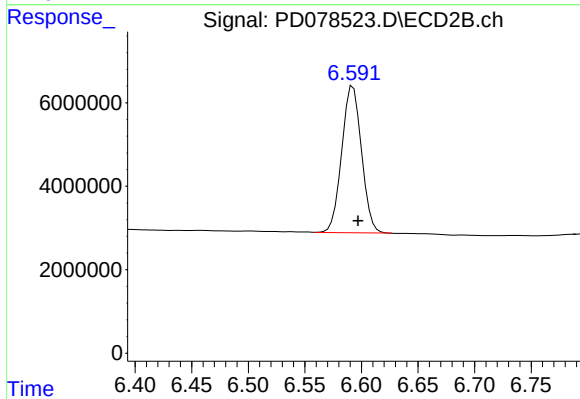
#19 Endosulfan Sulfate

R.T.: 6.316 min
Delta R.T.: -0.004 min
Response: 87531036
Conc: 54.66 ng/ml



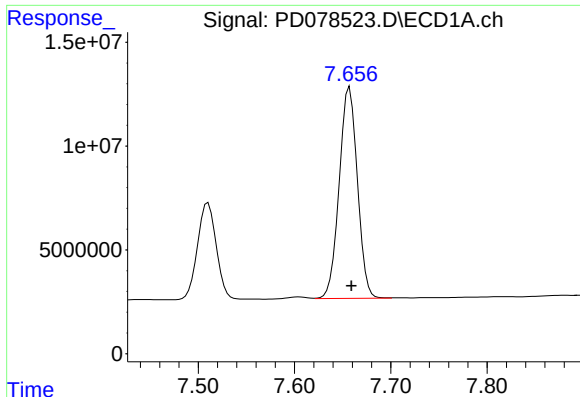
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: -0.002 min
Response: 62665893
Conc: 40.51 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: -0.006 min
Response: 42730235
Conc: 55.19 ng/ml m



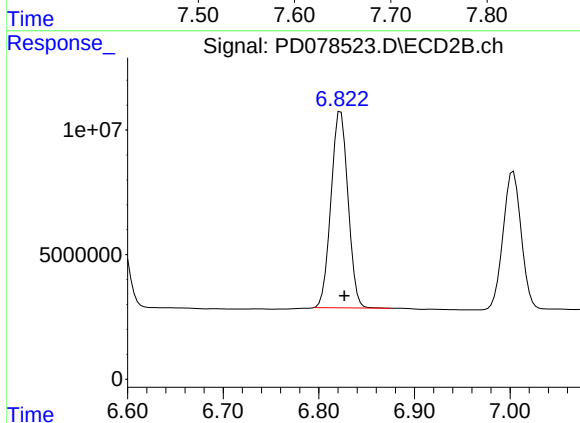
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 133477244
Conc: 41.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

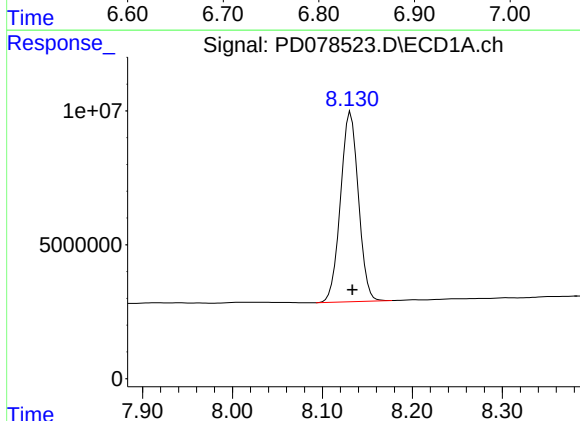
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2023
Supervised By :Ankita Jodhani 10/03/2023



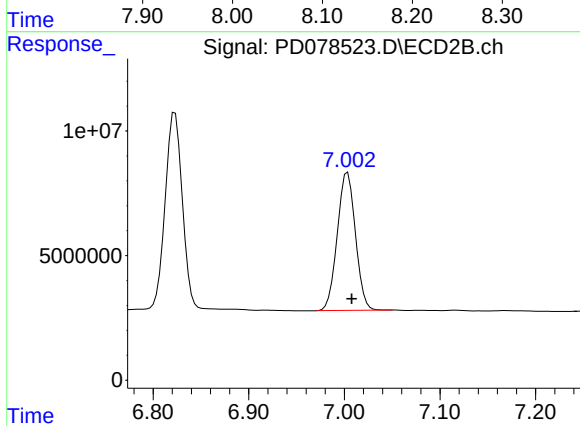
#21 Endrin ketone

R.T.: 6.823 min
Delta R.T.: -0.004 min
Response: 97241110
Conc: 51.43 ng/ml



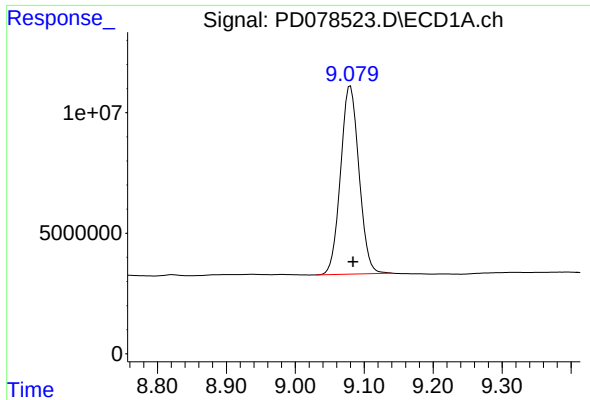
#22 Mirex

R.T.: 8.131 min
Delta R.T.: -0.002 min
Response: 98179666
Conc: 40.82 ng/ml



#22 Mirex

R.T.: 7.003 min
Delta R.T.: -0.004 min
Response: 73227231
Conc: 47.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: -0.004 min
Response: 145104743
Conc: 47.63 ng/ml

Instrument :

ECD_D

ClientSampleId :

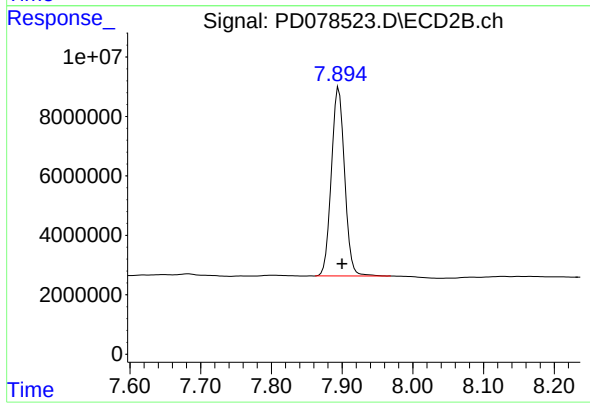
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: -0.005 min
Response: 82532675
Conc: 47.83 ng/ml